

# COPY

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.

1875.1000003

APPLICATION NO.

To Be Assigned

10782890

FIRST NAMED INVENTOR

Siavash Fallahi

FILING DATE

February 23, 2004

ART UNIT

To Be Assigned

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AK	AA1	5,081,655	01/1992	Long	331	14	
AK	AB1	5,889,436	03/1999	Yeung et al.	331	2	
AK	AC1	6,044,123	03/2000	Takla	327	163	
AK	AD1	6,157,694	12/2000	Larsson	377	48	
AK	AE1	6,181,213	01/2001	Chang	331	34	
	AF1	5,888,436	03/1999	Young et al.	wrong reference (AK) ALL		
AK	AG1	6,441,655	08/2002	Fallahi et al.	327	115	
	AH1						
	AI1						
	AJ1						
	AK1						

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AK	AL1	2 325 803 A	12/1998	UK	—	—	Yes <input checked="" type="radio"/> No
AK	AM1	WO 90/06017	05/1990	PCT	—	—	Yes <input checked="" type="radio"/> No
AK	AN1	1 045 518 A1	10/2000	Europe	—	—	Yes <input checked="" type="radio"/> No
	AO1						Yes <input checked="" type="radio"/> No
	AP1						Yes <input checked="" type="radio"/> No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

AK	AR	1	Mills, "Phase-Locked Loops," Printed from the McGraw-Hill Multimedia Encyclopedia of Science & Technology, Copyright © 1998, The McGraw-Hill Companies, Inc., pages 1-5.
AK	AS	1	Snow, "Frequency Divider," Printed from the McGraw-Hill Multimedia Encyclopedia of Science & Technology, Copyright © 1998, The McGraw-Hill Companies, Inc., pages 1-2.
AK	AT	1	Black et al., "Pulse Modulation," Printed from the McGraw-Hill Multimedia Encyclopedia of Science & Technology, Copyright © 1998, The McGraw-Hill Companies, Inc., pages 1-10.

EXAMINER

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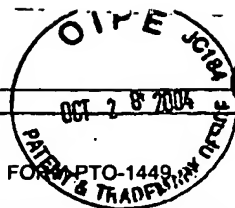
DATE CONSIDERED

11/17/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

(\*) Inventor & Patent Number do not match.

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA2					
	AB2					
	AC2					
	AD2					
	AE2					
	AF2					
	AG2					
	AH2					
	AI2					
	AJ2					
	AK2					

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL2					Yes No
	AM2					Yes No
	AN2					Yes No
	AO2					Yes No
	AP2					Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	2	Alley, "Frequency-Modulation Detector," Printed from the McGraw-Hill Multimedia Encyclopedia of Science & Technology, Copyright © 1998, The McGraw-Hill Companies, Inc., pages 1-4.
AS	2	Black <i>et al.</i> , "Amplitude Modulation," Printed from the McGraw-Hill Multimedia Encyclopedia of Science & Technology, Copyright © 1998, The McGraw-Hill Companies, Inc., pages 1-5.
AT	2	Curtin <i>et al.</i> , "Phase-Locked Loops for High-Frequency Receivers and Transmitters - Part 1," <i>ADI - Analog Dialogue</i> , Vol. 33, Number 3, March, 1999, pages 1-9, <a href="http://www.analog.com/publications/magazines/Dialogue/archives/33-03/phase/">http://www.analog.com/publications/magazines/Dialogue/archives/33-03/phase/</a> .

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OCT 28 2004

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA3					
	AB3					
	AC3					
	AD3					
	AE3					
	AF3					
	AG3					
	AH3					
	AI3					
	AJ3					
	AK3					

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL2					Yes No
	AM2					Yes No
	AN2					Yes No
	AO2					Yes No
	AP2					Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

AR	3	International Search Report, PCT/US00/33908, December 1999, 4 pages.
AS	3	
AT	3	

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DATE CONSIDERED

11/17/04

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